CLAIMS

1. A computer card for data transfer in a network of multiple computer cards, comprising:

a circuit card comprising a PCI bus;

a PCI-based mezzanine card, mounted to the circuit card and connected to the PCI bus for access to processing resources and memory resources of the circuit card;

a multi-port fabric switch; and

a PCI-to-switch fabric bridge comprising a port connected to the fabric switch.

2. A system for networking multiple computer cards for data transfer, comprising:

a plurality of networked circuit cards, each card comprising:

a PCI bus;

a PCI-based mezzanine card, mounted to the circuit card and connected to the PCI bus for access to processing resources and memory resources of the circuit card;

a multi-port fabric switch comprising a port for connecting said mezzanine card to a second mezzanine card in said network; and

a PCI-to-switch fabric bridge comprising a port connected to the fabric switch.